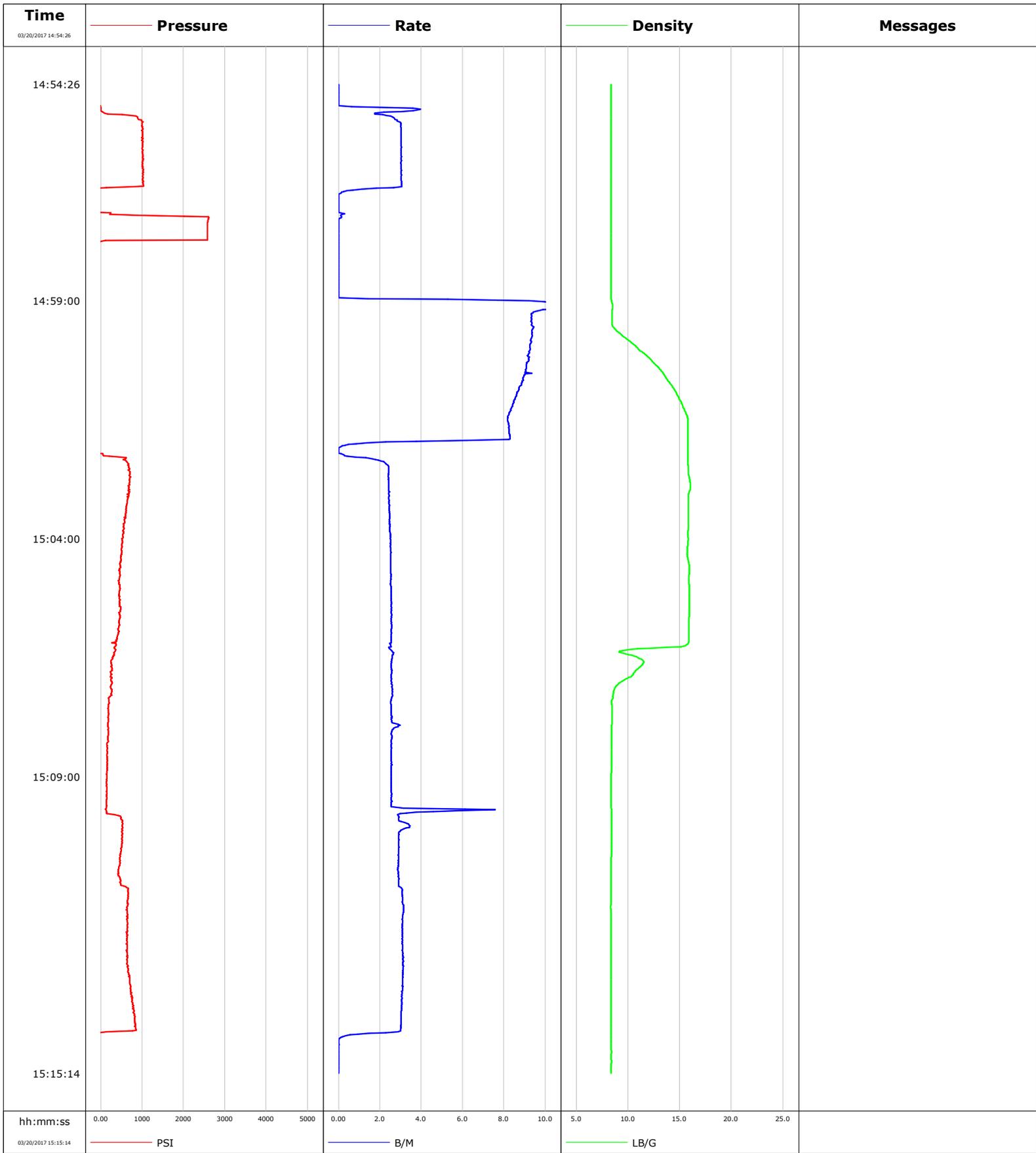


Well	Briggs 1-12 A	Client	Anadarko
Field	DJ	SIR No.	da6t-00735
Engineer	Scot Thornton	Job Type	Nio
Country	United States	Job Date	03-20-2017

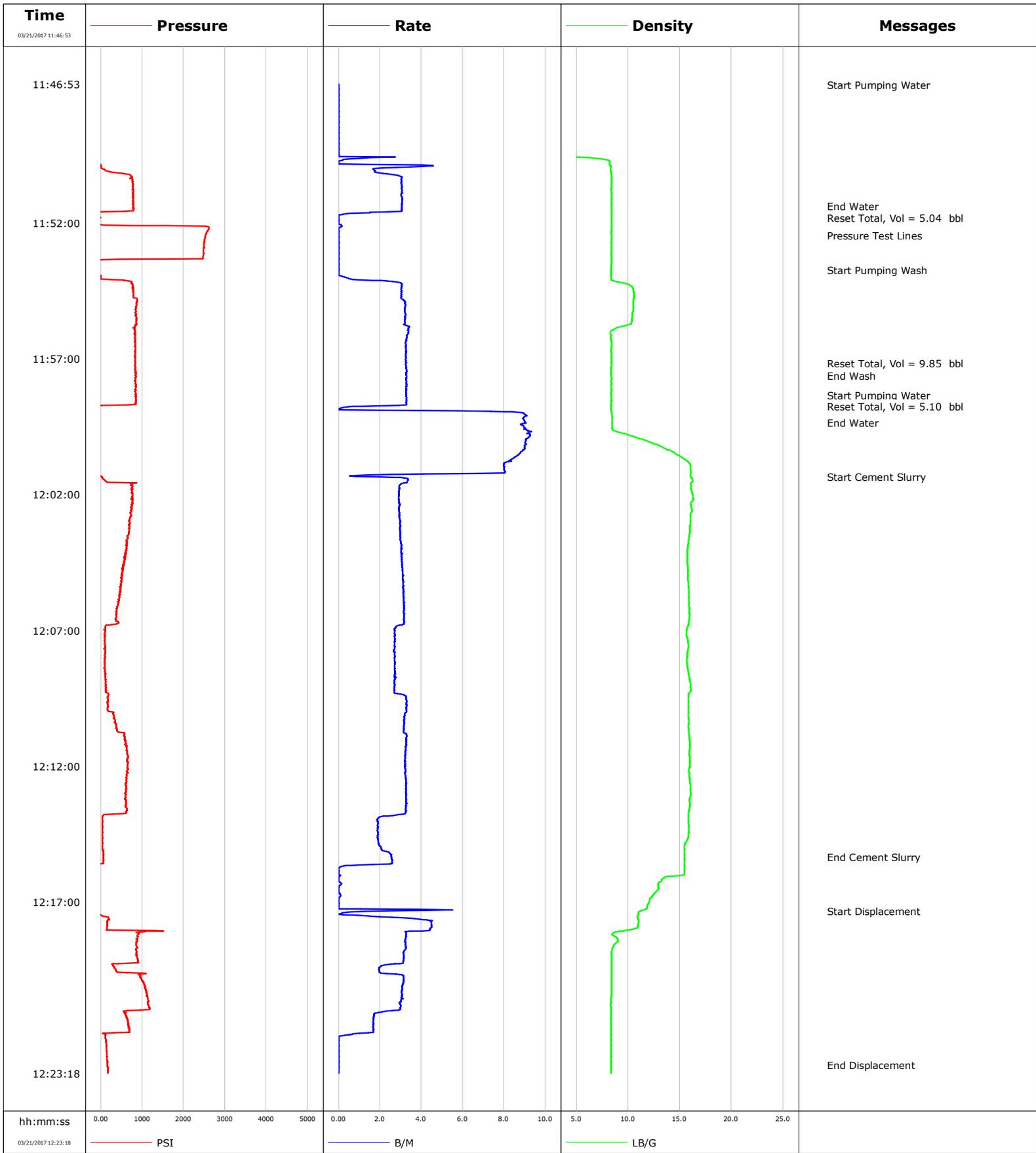


				Customer Anadarko			Job Number da6t-00735				
Well Briggs 1-12 A		Location (legal)			Schlumberger Location			Job Start Mar/20/2017			
Field DJ		Formation Name/Type			Deviation deg		Bit Size in		Well MD ft	Well TVD ft	
County		State/Province Colorado			BHP psi		BHST degF		BHCT degF		Pore Press. Gradient lb/gal
Well Master		API/UWI									
Rig Name		Drilled For N/A		Service Via Land		Casing/Liner					
						Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone		Well Class Old		Well Type Workover							
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line Cementing		Job Type Nio					T	7220.0	2.4	4.7	
							0.0	0.0	0.0		
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole					
						Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft	
Service Instructions Pump 5 bbl water Pressure Test 2500 Pump 10.9 bbl cement @ 15.8 ppg (40 sks @ 1.53 yield) Displace 23 bbl water Est TOC: 6519						ft	ft				
						ft	ft			Diameter in	
						ft	ft				
						Treat Down Tubing		Displacement bbl		Packer Type ft	
						Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. bbl	
										Openhole Vol. bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools				Squeeze Job			
Lift Pressure psi				Shoe Type				Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth ft				Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type				Tool Depth ft	
Cement Head Type						Stage Tool Depth ft				Tail Pipe Size in	
Job Scheduled For Mar/20/2017 13:00		Arrived on Location Mar/20/2017 13:00		Leave Location Mar/20/2017		Collar Type				Tail Pipe Depth ft	
						Collar Depth ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
03/20/2017	14:54:26	-51	0.0	8.38	0.0	Started Acquisition					
03/20/2017	14:58:36	-65	0.0	8.39	5.1						
03/20/2017	15:02:46	686	2.4	15.98	6.2						
03/20/2017	15:06:56	265	2.6	9.95	16.7						
03/20/2017	15:11:06	448	2.9	8.38	28.3						

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.7	N2	Mud	Maximum Rate 4.0	Total Slurry 10.8	Mud 0.0	Spacer 5.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 2608	Final -65	Average 590	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl	Displacement 23.0 bbl	Mix Water Temp degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	To ft	Job Completed <input checked="" type="checkbox"/>	
Customer or Authorized Representative Edgar Chavez	Schlumberger Supervisor Scot Thornton			Circulation Lost <input type="checkbox"/>				
				-				-

Well	Briggs 1-12A	Client	Anadarko
Field	DJ	SIR No.	DA6T-00736
Engineer	Richard White	Job Type	Plug Abandon
Country	United States	Job Date	03-21-2017



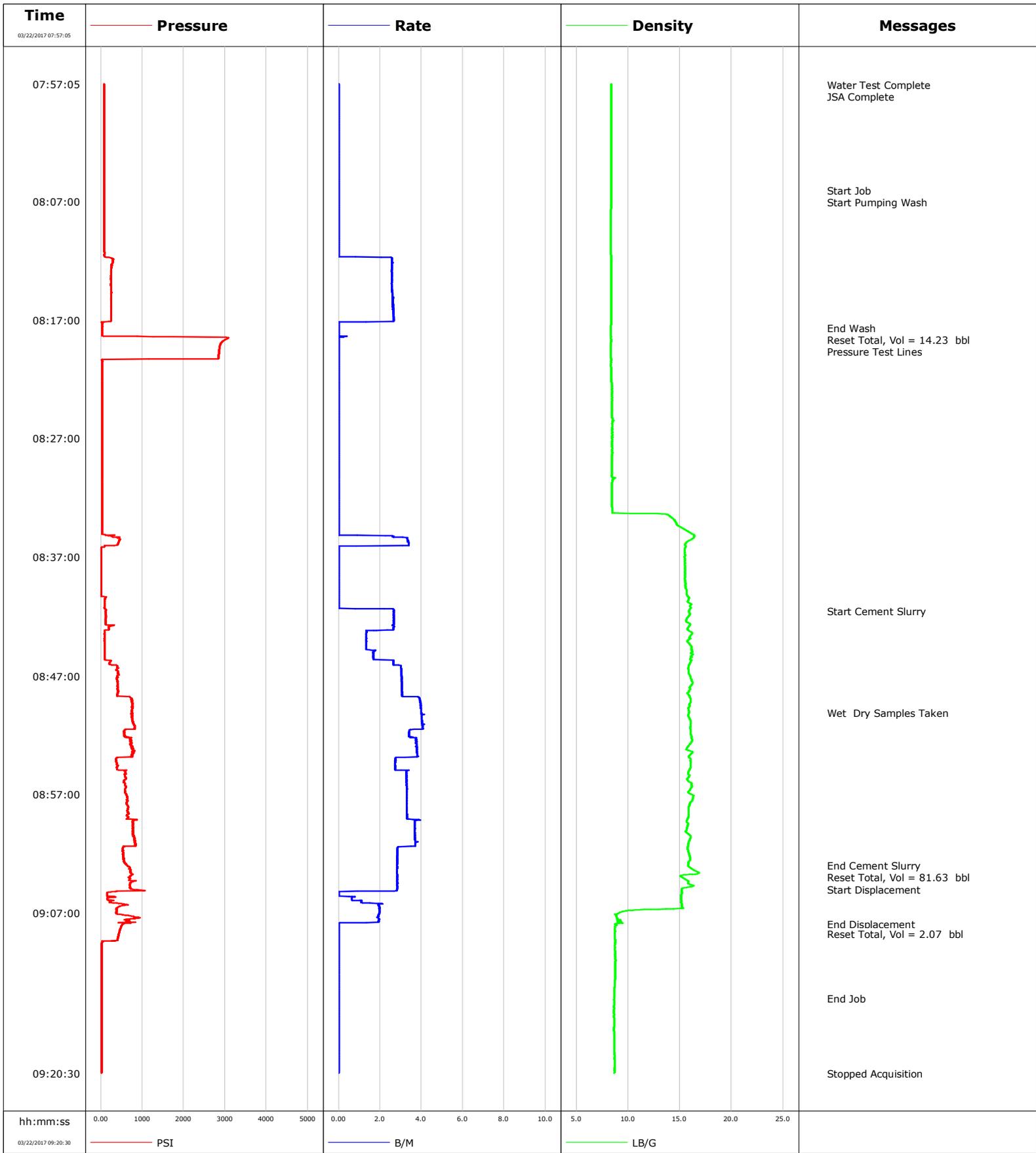
				Customer			Job Number				
				Anadarko			DA6T-00736				
Well		Location (legal)			Schlumberger Location			Job Start			
Briggs 1-12A 1-12A		CWY			Cheyenn			Mar/21/2017			
Field	Formation Name/Type			Deviation	Bit Size	Well MD		Well TVD			
DJ				deg	in	4410.0 ft		4410.0 ft			
County		State/Province			BHP	BHST	BHCT		Pore Press. Gradient		
Weld		Colorado			psi	165 degF	165 degF		lb/gal		
Well Master		API/UWI									
630386386		51231678									
Rig Name		Drilled For		Service Via		Casing/Liner					
Basic 1652		Oil & Gas		Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
						4410.0	4.5	11.6	N80	BUTT	
Offshore Zone		Well Class		Well Type		0.0	0.0	0.0			
		Old		Other							
Drilling Fluid Type		Max. Density		Plastic Viscosity		Tubing/Drill Pipe					
Other		8.40 lb/gal		cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line		Job Type									
Cementing		Plug & Abandon									
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole					
psi		psi		2 3/8" 4.7# T/S		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
						ft	ft			ft	
						ft	ft			Diameter	
						ft	ft			in	
						Treat Down	Displacement	Packer Type		Packer Depth	
						Tubing	bbl			ft	
						Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.		
						bbl	bbl	bbl	bbl		
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement			Casing Tools			Squeeze Job			
<input type="checkbox"/>		<input type="checkbox"/>									
Lift Pressure		psi			Shoe Type			Squeeze Type			
Pipe Rotated		Pipe Reciprocated			Shoe Depth			Tool Type			
<input type="checkbox"/>		<input type="checkbox"/>			ft						
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type			Tool Depth		
									ft		
Cement Head Type					Stage Tool Depth			Tail Pipe Size			
					ft			in			
Job Scheduled For		Arrived on Location		Leave Location		Collar Type			Tail Pipe Depth		
Mar/21/2017		Mar/21/2017		Mar/21/2017					ft		
						Collar Depth			Sqz. Total Vol.		
						ft			bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message					
03/21/2017	11:46:53	-56	0.0	0.11	10	Started Acquisition					
03/21/2017	11:46:55	-56	0.0	0.11	10	Start Pumping Water					
03/21/2017	11:48:53	-56	0.0	0.11	10						
03/21/2017	11:50:53	782	0.9	8.40	5						
03/21/2017	11:51:23	782	0.9	8.40	5	End Water					
03/21/2017	11:51:41	-60	0.0	8.40	12	Reset Total, Vol = 5.04 bbl					
03/21/2017	11:52:27	2535	0.0	8.40	10	Pressure Test Lines					
03/21/2017	11:52:53	2489	0.0	8.39	10						
03/21/2017	11:53:44	-51	0.0	8.39	10	Start Pumping Wash					
03/21/2017	11:54:53	864	1.0	10.55	5						
03/21/2017	11:56:53	823	1.0	8.40	5						
03/21/2017	11:57:11	832	1.0	8.40	12	Reset Total, Vol = 9.85 bbl					
03/21/2017	11:57:20	837	1.0	8.39	5	End Wash					
03/21/2017	11:58:20	855	1.0	8.39	5	Start Pumping Water					
03/21/2017	11:58:45	-70	0.0	8.39	12	Reset Total, Vol = 5.10 bbl					
03/21/2017	11:58:53	-65	0.0	8.39	10						
03/21/2017	11:59:20	-65	0.0	8.47	10	End Water					
03/21/2017	12:00:53	-60	0.0	16.00	10						
03/21/2017	12:01:20	27	0.0	16.05	5	Start Cement Slurry					
03/21/2017	12:02:53	695	0.9	16.01	5						
03/21/2017	12:04:53	512	0.9	15.79	5						

Well		Field		Job Start		Customer		Job Number	
Briggs 1-12A 1-12A		DJ		Mar/21/2017		Anadarko		DA6T-00736	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message			
03/21/2017	12:08:53	123	0.8	15.99	5				
03/21/2017	12:10:53	558	1.0	15.92	5				
03/21/2017	12:12:53	608	1.0	16.04	5				
03/21/2017	12:14:53	40	0.5	15.49	5				
03/21/2017	12:15:20	68	0.5	15.47	5	End Cement Slurry			
03/21/2017	12:16:53	-56	0.0	12.14	10				
03/21/2017	12:17:20	-56	0.0	11.26	10	Start Displacement			
03/21/2017	12:18:53	855	0.9	8.40	5				
03/21/2017	12:20:53	1171	0.9	8.36	5				
03/21/2017	12:22:53	159	0.0	8.38	10				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3.3			9.3	74.8	0.0	0.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
2617	173	620				bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume		
%	0.0 bbl	0.0 bbl	degF	<input type="checkbox"/>	bbl		
Customer or Authorized Representative				Schlumberger Supervisor		Circulation Lost	Job Completed
Edgar Chavez				Richard White		<input type="checkbox"/>	<input type="checkbox"/>
						-	-

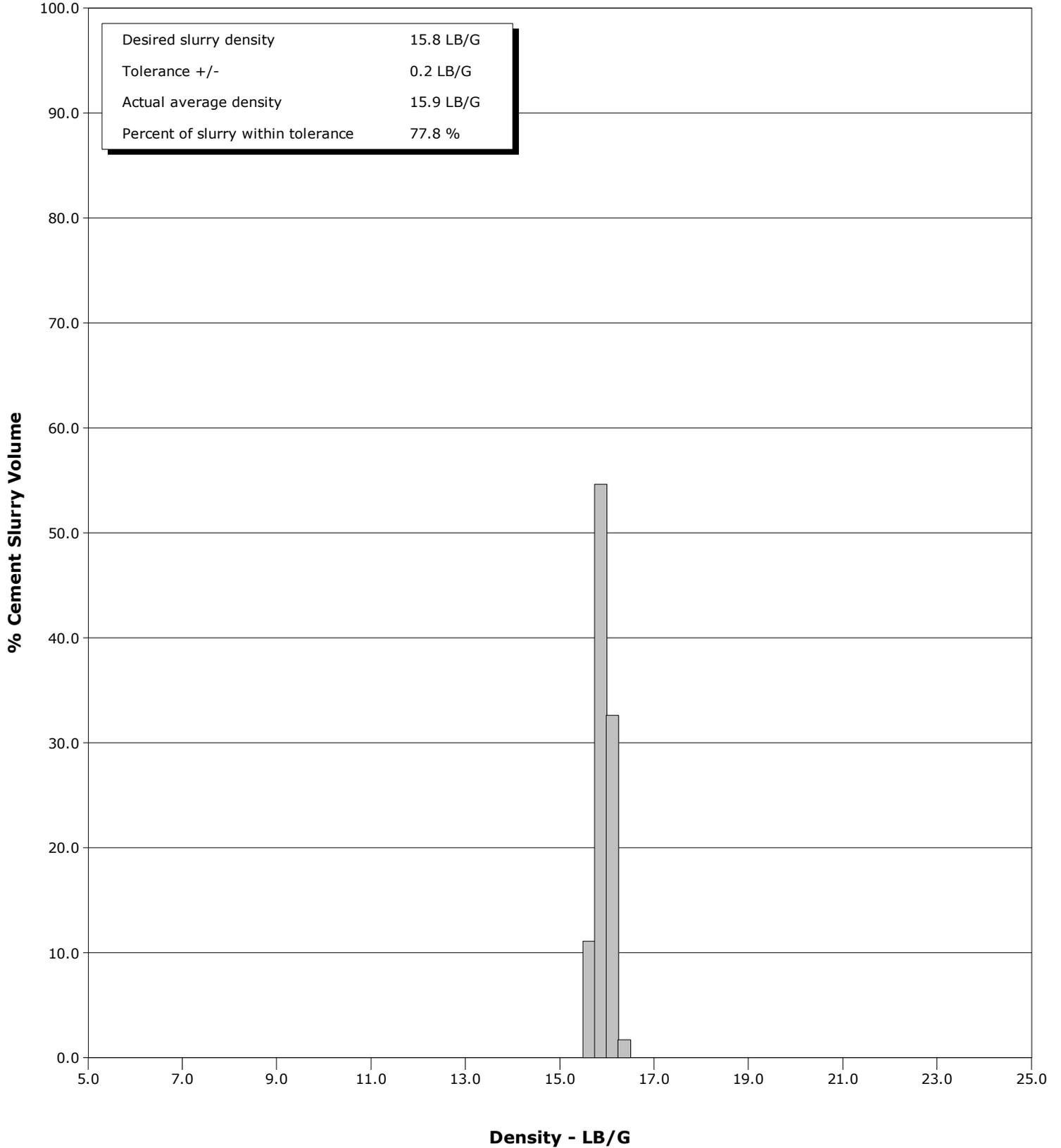
Well	BRIGGS 1-12A	Client	ANADARKO
Field	DJ	SIR No.	DA6T-00737
Engineer	Wayne Silvester	Job Type	Stub Plug
Country	United States	Job Date	03-22-2017



Well BRIGGS 1-12A
Field DJ
Engineer Wayne Silvester
Country United States

Client ANADARKO
SIR No. DA6T-00737
Job Type Stub Plug
Job Date 03-22-2017

Cement Slurry - 03/22/2017 08:41:31 to 03/22/2017 09:02:59



				Customer			Job Number				
				ANADARKO			DA6T-00737				
Well		Location (legal)			Schlumberger Location			Job Start			
BRIGGS 1-12A		217304			Cheyenne			Mar/22/2017			
Field	Formation Name/Type			Deviation	Bit Size	Well MD		Well TVD			
DJ				deg	in	1040.0 ft		1040.0 ft			
County		State/Province			BHP	BHST	BHCT		Pore Press. Gradient		
Weld		Colorado			psi	90 degF	80 degF		lb/gal		
Well Master		API/UWI									
0630386386		512316780									
Rig Name	Drilled For	Service Via			Casing/Liner						
	Oil & Gas	Land			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread		
Offshore Zone	Well Class	Well Type			1040.0	4.5	11.6	N/A	N/A		
	Old	Workover			402.0	8.6	24.0	N/A	N/A		
Drilling Fluid Type		Max. Density	Plastic Viscosity			Tubing/Drill Pipe					
		lb/gal	cP			T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type				T	1040.0	2.4	4.7	N/A	N/A	
Cementing	Stub Plug					0.0	0.0	0.0			
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection				Perforations/Open Hole					
psi	psi	2 3/8" 4.7# T/S				Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
Service Instructions Stub Plug = 395 sks 1.16 ft3/sk 5.115 gps = 81.6 bbls Est Toc= 100 ft CW7 15 bbls CMT 81.6 bbls Displace 1 bbls						ft	ft			ft	
						ft	ft			Diameter	
						ft	ft			in	
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement				Casing Tools			Squeeze Job		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
Lift Pressure	psi				Shoe Type			Squeeze Type			
Pipe Rotated	Pipe Reciprocated				Shoe Depth			Tool Type			
<input type="checkbox"/>	<input type="checkbox"/>				ft						
No. Centralizers	Top Plugs		Bottom Plugs			Stage Tool Type			Tool Depth		
									ft		
Cement Head Type					Stage Tool Depth			Tail Pipe Size			
					ft			in			
Job Scheduled For		Arrived on Location		Leave Location		Collar Type			Tail Pipe Depth		
Mar/22/2017		Mar/22/2017		Mar/22/2017					ft		
						Collar Depth			Sqz. Total Vol.		
						ft			bbl		
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	Pressure PSI	Message					
03/22/2017	07:57:05	0.0	8.38	0.0	81	Started Acquisition					
03/22/2017	07:57:08	0.0	8.38	0.0	81	Water Test Complete					
03/22/2017	08:02:06	0.0	8.37	0.0	81						
03/22/2017	08:06:04	0.0	8.36	0.0	81	Start Job					
03/22/2017	08:06:07	0.0	8.36	0.0	81	Start Pumping Wash					
03/22/2017	08:07:07	0.0	8.36	0.0	81						
03/22/2017	08:12:08	2.6	8.37	1.1	292						
03/22/2017	08:17:09	1.3	8.36	14.2	91						
03/22/2017	08:17:40	0.0	8.34	14.2	36	End Wash					
03/22/2017	08:17:41	0.0	8.34	14.2	36	Reset Total, Vol = 14.23 bbl					
03/22/2017	08:19:09	0.0	8.34	14.3	2874	Pressure Test Lines					
03/22/2017	08:22:10	0.0	8.37	14.3	36						
03/22/2017	08:27:11	0.0	8.44	14.3	36						
03/22/2017	08:32:12	0.0	8.41	14.3	36						
03/22/2017	08:37:13	0.0	15.50	17.0	8						
03/22/2017	08:41:31	2.7	15.90	17.5	118	Start Cement Slurry					
03/22/2017	08:42:14	2.7	15.64	19.4	118						
03/22/2017	08:47:15	3.0	16.06	30.1	393						
03/22/2017	08:50:06	4.0	15.88	40.0	741	Wet Dry Samples Taken					
03/22/2017	08:52:16	3.8	16.14	48.3	690						
03/22/2017	08:57:17	3.3	16.25	65.0	626						

Well		Field		Job Start		Customer		Job Number	
BRIGGS 1-12A		DJ		Mar/22/2017		ANADARKO		DA6T-00737	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	Pressure PSI	Message			
03/22/2017	09:02:59	2.8	15.81	84.0	654	End Cement Slurry			
03/22/2017	09:03:01	2.8	15.79	84.1	645	Reset Total, Vol = 81.63 bbl			
03/22/2017	09:03:03	2.8	15.82	84.2	649	Start Displacement			
03/22/2017	09:07:19	1.9	8.87	92.9	796				
03/22/2017	09:07:57	0.0	8.69	93.9	530	End Displacement			
03/22/2017	09:08:47	0.0	8.71	93.9	429	Reset Total, Vol = 2.07 bbl			
03/22/2017	09:12:20	0.0	8.76	93.9	13				
03/22/2017	09:14:12	0.0	8.67	93.9	17	End Job			
03/22/2017	09:17:21	0.0	8.67	93.9	17				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
2.9			4.1	81.6	0.0	15.3		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
3080	17	285				bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume			
%	81.6 bbl	2.1 bbl	55 degF	<input type="checkbox"/>	bbl			
				Washed Thru Perfs	To			
				<input type="checkbox"/>	ft			
Customer or Authorized Representative			Schlumberger Supervisor	Circulation Lost	Job Completed			
Edgar Chavez			Wayne Silvester	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
				-	-			